ARIZONA'S NEWBORN SCREENING PANEL OF DISORDERS

- Same list recommended by the American Academy of Pediatrics and the March of Dimes

Amino Acid Metabolism Disorders
Phenylketonuria (PKU)
Maple syrup urine disease
Homocystinuria
Citrullinemia
Tyrosinemia type I
Argininosuccinic acidemia

Fatty Acid Oxidation Disorders
Medium chain acyl-CoA dehydrogenase deficiency (MCADD)
Very long-chain acyl-CoA dehydrogenase deficiency
Long-chain L-3-OH acyl-CoA dehydrogenase deficiency
Trifunctional protein deficiency
Carnitine uptake defect

Organic Acid Disorders
Isovaleric acidemia
Glutaric acidemia type I
3-OH 3-CH3 glutaric aciduria
Multiple carboxylase deficiency
Methylmalonic acidemia
Methylmalonic acidemia (mutase deficiency)
3-Methylcrotonyl-CoA carboxylase deficiency
Propionic acidemia
Beta-ketothiolase deficiency

Hemoglobin Disorders
Hb S/Beta-thalassemia
Hb S/C disease
Sickle cell anemia

Other Disorders
Congenital hypothyroidism
Congenital adrenal hyperplasia
Biotinidase deficiency
Galactosemia
Hearing Loss
Cystic Fibrosis (added in October 2007)

Cost:
1st screen = $30
2nd screen = $40